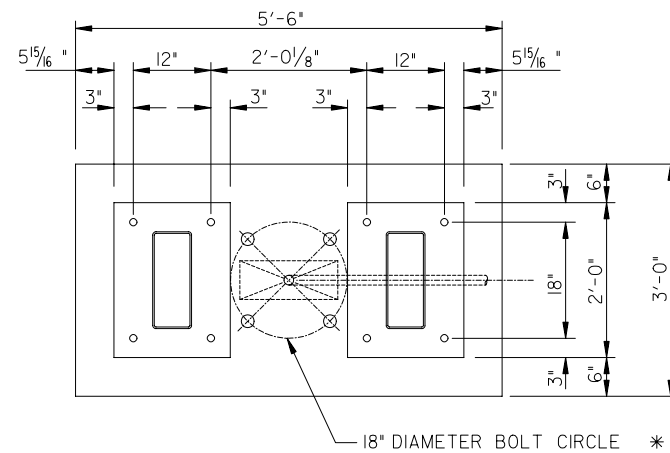


ANCHOR BOLT LAYOUT PLAN



BASE PLATE LAYOUT PLAN

GENERAL NOTES

1. MINIMUM SOIL REQUIREMENTS:
THIS FOUNDATION DESIGN IS BASED ON SOILS ABLE TO DEVELOP THE FOLLOWING VALUES FOR CONCRETE FILLED DRILLED IN PLACE PIERS, SKIN FRICTION AT 500 LBS/SQ.FT., LATERAL BEARING PRESSURE = 200 LBS/ SQ.FT. PER FOOT OF DEPTH.
2. EXISTING SOIL CONDITIONS TO BE DETERMINED PRIOR TO FINAL FOUNDATION DESIGN.
3. CONCRETE 4000 P.S.I. AT 28 DAYS.
4. REBAR GRADE 60.
5. EMBEDDED PLATES - A-36.
6. ANCHOR BOLTS - A-36 FULLY GALVANIZED.
7. A 25' COIL OF NO. 4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL BE INSTALLED BEFORE THE CONCRETE IS POURED.

*BOLTS FOR INTERIM SIGNAL ERECTION
MAY BE DELETED AT ENGINEER'S DIRECTION.

ORIGINAL SIGNATURE ON FILE
AT THE CITY OF TEMPE

APPROVED: _____ DATE _____
DEPUTY PUBLIC WORKS MANAGER
TRANSPORTATION

APPROVED: _____ DATE _____
DEPUTY PUBLIC WORKS MANAGER
CITY ENGINEER



CITY OF TEMPE
PUBLIC WORKS DEPARTMENT

TRAFFIC SIGNAL FOUNDATION DETAIL
FOR MODULAR 20,35, 40
MAST ARM STRUCTURES

ASSEMBLY DRAWING ONLY
SPECS AND DESIGN BY
T.A. CAID INDUSTRIES, INC
TUCSON, AZ

DETAIL T-57I
SHEET 1 OF 2
REVISED 2001